

Business Administration BS, Supply Chain Management Emphasis

A minimum of 15 additional hours of upper division approved business electives	15
Total Hours	36

¹ Course is required for BS Accounting and all BS Business Administration majors.

General Education Requirements

All Business majors must meet the university general education requirements. As part of meeting the university's general education requirements, all Business majors must complete the prerequisite courses below :

ECON 1001	Principles of Microeconomics (MOTR ECON 102)	3
ECON 1002	Principles of Macroeconomics (MOTR ECON 101)	3
MATH 1030	College Algebra (MOTR MATH 130)	3
MATH 1100 or BUS AD 1107	Basic Calculus Quantitative Methods for Business	3
MATH 1105	Basic Probability and Statistics	3

Degree Requirements

All Business majors must meet College of Business G.P.A., good standing and credit requirements as outlined in the Bulletin.

Lower Division Business Core Requirements

ACCTNG 2400	Fundamentals of Financial Accounting	3
ACCTNG 2410	Managerial Accounting	3
BUS AD 2900	Legal Environment of Business	3
INFSYS 2800	Information Systems Concepts and Applications	3
Total Hours		12

Upper Division Requirements

ENGL 3120	Business Writing	3
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Upper Division Non-Business or Business Requirement

Two global awareness courses selected from an approved list maintained in the Office of Undergraduate Academic Advising in the College of Business Administration; also available on our web site.

Upper Division Business Requirements

ENT 3100	Applications of Entrepreneurship ¹	3
FINANCE 3500	Financial Management	3
SCMA 3300	Business Analytics and Statistics	3
SCMA 3301	Introduction to Supply Chain Management	3
MGMT 3600	Management and Organizational Behavior	3
MGMT 4219	Strategic Management	3
MKTG 3700	Principles of Marketing	3

Assessment Requirement

MGMT 4220	Business Assessment Testing	0
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Emphasis Area Requirements

The study of supply chain management focuses on the whole supply chain from the acquisition of raw materials, through production or service delivery, to the point of consumption.

Twelve (12) credit hours are required of all individuals seeking an emphasis in Supply Chain Management:

SCMA 3320	Advanced Supply Chain and Operations Management	3
Select three of the following courses:		9
SCMA 3321	Procurement	
SCMA 3345	Predictive Analytics and Data Mining	
SCMA 3370	Introduction to Transportation	
SCMA 3376	Transportation Security and Risk	
SCMA 3390	Internship in Supply Chain and Analytics ¹	
SCMA 3398	Seminar in Supply Chain Management and Analytics	
SCMA 3399	Independent Study in Supply Chain and Analytics	
SCMA 4322	Lean Production in Manufacturing and Service Operations	
SCMA 4325	Environmental Sustainability in Business Operations	
SCMA 4330	Business Logistics	
SCMA 4331	Applied Supply Chain Modeling	
SCMA 4347	Introduction to Project Management	
SCMA 4350	Prescriptive Analytics and Optimization	
SCMA/INTL BUS 4381	Global Supply Chain Management	
SCMA 4389	Supply Chain Management Practicum ¹	
SCMA 4398	Advanced Topics in Supply Chain and Analytics	
Total Hours		12

¹ At most, only one of SCMA 3390 and SCMA 4389 may be counted towards the Supply Chain Management emphasis area.

Tracks

Students may combine selected courses from the list above, and other specified upper division business electives, to fulfill a designated track and acquire in-depth knowledge. Detailed information is available in the

Office of Undergraduate Academic Advising. The specific tracks available include:

- Supply Chain Management
- Transportation
- Business Analytics

Learning Outcomes

Upon completion of the program, graduates will be able to:

- Articulate and apply foundational knowledge associated with core business disciplines (accounting, finance, supply chain management, marketing, information technology, and management). (Functional Business Knowledge)
- (a) Identify business problems and opportunities, (b) analyze relevant strategic, tactical, and operational options through qualitative and quantitative methods in order to (c) make recommendations and provide the rationale behind decisions. (Decision Making Skills)
- Identify and evaluate global business factors, including the opportunities, constraints and risks of operating across various country environments. (Global Orientation)
- Identify legal/ethical issues, assess impact, and decide on a socially responsible course of action. (Ethical Orientation)
- Students will be able to effectively communicate business issues, analyses and recommendations in written and oral presentations to stakeholders. (Business Communication Skills)
- Develop technological and quantitative skills, including those associated with statistics, data visualization and analysis, project management, social media, and those commensurate with their business specialization. (Technological Skills)
- Demonstrate interpersonal skills to collaborate within diverse teams, effectively engage with stakeholders in a professional manner, and develop leadership skills. (Interpersonal Skills)
- Explain basic concepts in supply chain management related to areas such as purchasing, production, operations, logistics, integration and reverse supply chains.
- Apply descriptive, predictive and prescriptive analytics for decision-making in supply chains, such as demand planning, supply chain network design, production planning, inventory control and transportation.
- Analyze supply chain related problems and justify data-driven solutions with business acumen.

Sample Four Year Plan

First Year			
Fall	Hours	Spring	Hours
MATH 1030	3	BUS AD 1107 or MATH 1100	3
ENGL 1100	3	ECON 1001	3
BUS AD 1000 or ENT 1100	3	INFSYS 2800	3
INFSYS 1800	3	EXPLORE - Humanities and Fine Arts	3
EXPLORE- Humanities & Fine Arts	3	EXPLORE - Mathematics and Life/ Natural Sciences	3
INTDSC 1003	1		
	16		15

Second Year			
Fall	Hours	Spring	Hours
MATH 1105	3	ACCTNG 2410	3
ACCTNG 2400	3	BUS AD 2900	3
ECON 1002	3	SCMA 3301	3
CORE - Communication Proficiency	3	EXPLORE - Humanities & Fine Arts	3

CORE - US History & Government	3	Cultural Diversity	3
	15		15

Third Year			
Fall	Hours	Spring	Hours
SCMA 3300	3	FINANCE 3500	3
MGMT 3600	3	MKTG 3700	3
ENGL 3120	3	SCMA 3320	3
ENT 3100	3	SCMA Elective	3
Elective	3	Elective	3
	15		15

Fourth Year			
Fall	Hours	Spring	Hours
Global Awareness Course	3	MGMT 4219 & MGMT 4220	3
SCMA Elective	3	Global Awareness Course	3
SCMA Elective	3	Electives	8
Business Elective 3000-4000 Level	3		
Elective	3		
	15		14

Total Hours: 120

PLEASE NOTE: This plan is an example of what a four year plan could look like for a typical student. Placement exam scores in math as well as the completion of coursework may change the plan. It should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor. All requirements are subject to change.

Sample Four Year Plan with Cybersecurity Certificate

First Year			
Fall	Hours	Spring	Hours
MATH 1030	3	BUS AD 1107 or MATH 1100	3
ENGL 1100	3	ECON 1001	3
BUS AD 1000 or ENT 1100	3	INFSYS 2800	3
INFSYS 1800	3	EXPLORE - Humanities and Fine Arts	3
EXPLORE - Humanities and Fine Arts	3	EXPLORE - Math and Sciences	3
INTDSC 1003	1		
	16		15

Second Year			
Fall	Hours	Spring	Hours
MATH 1105	3	ACCTNG 2410	3
ACCTNG 2400	3	BUS AD 2900	3
ECON 1002	3	SCMA 3301	3
CORE - Communication Proficiency	3	EXPLORE - Humanities and Fine Arts	3
CORE - US History and Government	3	Cultural Diversity Requirement	3
	15		15

Third Year			
Fall	Hours	Spring	Hours
SCMA 3300	3	FINANCE 3500	3
MGMT 3600	3	MKTG 3700	3
ENGL 3120	3	SCMA 3320	3
ENT 3100	3	SCMA Elective	3
INFSYS 3848 (Global Awareness)	3	INFSYS 3858	3
	15		15

Fourth Year			
Fall	Hours	Spring	Hours
INFSYS 3842 (Global Awareness)	3	MGMT 4219 or 4220	3
SCMA Elective	3	INFSYS 3878	3
SCMA Elective	3	Elective or minor	8
INFSYS 3866	3		

Elective or minor	3	
	15	14
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Total Hours: 120		